

5012.1013

**UNITED STATES PATENT AND TRADEMARK OFFICE**

Examiner: To Be Assigned	Art Unit: To Be Assigned
Re: Application of:	Charalampos KOSMAS
Serial No.:	To Be Assigned
Filed:	Herewith
For:	<b>ACTUATOR ARM FOR USE IN A SPACECRAFT</b>
Customer No.:	23280

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

June 16, 2005

Sir:

In accordance with the provisions of 37 C.F.R. § 1.97, Applicant hereby makes of record the documents listed on the accompanying PTO-1449 Form (1 page) for consideration by the Examiner in connection with the examination of the above-identified patent application. While the references are being submitted herewith, some or all of the references may not constitute prior art under the U.S. patent laws.

This Information Disclosure Statement is filed under 37 C.F.R. § 1.97 (b), before the mailing date of a First Office Action, therefore no fee is believed due. If any additional fees are deemed to be due at this time, the Assistant Commissioner is authorized to charge payment of the same to Deposit Account No. 50-0552.

10/539866

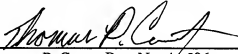
JCO6 Rec'd PCT/PTO, 17 JUN 2005

5012.1013

It is respectfully requested that the references cited in the accompanying PTO-1449 form be considered and made of record. It is respectfully submitted that the pending claims are patentable over all of the references made of record at this time.

Respectfully Submitted,  
DAVIDSON, DAVIDSON & KAPPEL, LLC

By: \_\_\_\_\_

  
Thomas P. Canty, Reg. No. 44,586

Davidson, Davidson & Kappel, LLC  
485 Seventh Avenue, 14th Floor  
New York, New York 10018  
(212) 736-1940

FORM PTO-1449  
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO.

5012.1013

APPLICATION NO

To Be Assigned

## LIST OF PRIOR ART CITED BY APPLICANT

(Use several sheets if necessary)

APPLICANT

Charalampos KOSMAS

FILING DATE

Herewith

GROUP

To Be Assigned

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	A01	3,144,215	Aug. 11, 1964	G. J. Klein	242	54
	A02	3,199,626	Aug. 10, 1965	P. N. Van Schaik et al.	182	3
	A03	3,268,091	Aug. 23, 1966	D. F. Melton	214	1
	A04	4,177,964	Dec. 11, 1979	Hujsak et al.	244	161
	A05	4,273,305	Jun. 16, 1981	Hinds	244	158 R
	A06	4,349,837	Sep. 14, 1982	Hinds	358	93
	A07	4,657,221	Apr. 14, 1987	Urmston et al.	249	175
	A08	4,896,848	Jan. 30, 1990	Ballard et al.	244	158 R
	A09	4,946,596	Aug. 7, 1990	Furuta et al.	210	679
	A10	5,299,764	Apr. 5, 1994	Scott	244	159
	A11	5,410,731	Apr. 25, 1995	Rouffet et al.	455	13.1
	A12	5,813,634	Sep. 29, 1998	Pizzicardi et al.	244	176

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
						YES	NO
	A13	WO 97/31822	Sep. 4, 1997	WO-WIPO		In English	
	A14	WO 01/03310	Jan. 11, 2001	WO-WIPO		In English	
	A15	WO 02/08059	Jan. 31, 2002	WO-WIPO		In English	
	A16	EP 1 101 699	May 23, 2001	EP-Europe		Corresponds to US 6,293,499	
	A17	EP 1 245 967	Oct. 2, 2002	EP-Europe		Corresponds to US 2004/0140930	
	A18	DE 198 19 858	Nov. 11, 1999	DE-Germany		Abstract; see International Search Report	
	A19	DE 40 41 167	Jul. 2, 1992	DE-Germany		Abstract; see International Search Report	
	A20						

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

A21	International Search Report for PCT/EP2003/14459 (3 pages)	
A22		

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449  
(REV. 7-80)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO.

5012.1013

APPLICATION NO.

101239866  
To Be Assigned

**LIST OF PRIOR ART CITED BY APPLICANT**

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APPLICANT

Charalampos KOSMAS

FILING DATE

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**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	A23	6,293,499	Sep. 25, 2001	MacGillivray et al.	244	158 R
	A24	6,296,205	Oct. 2, 2001	Hanson et al.	244	158 R
	A25	6,384,860	May 7, 2002	Tullock et al.	348	144
	A26	2003/0183726	Oct. 2, 2003	Lounge et al.	244	158 R
	A27	2004/0140930	Jul. 22, 2004	Harles	342	387
	A28					
	A29					
	A30					
	A31					
	A32					
	A33					
	A34					
	A35					
	A36					

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
						YES	NO
	A37						
	A39						
	A39						
	A40						
	A41						
	A47						
	A43						
	A44						
	A45						
	A46						
	A47						

EXAMINER /John Woodrow Eldred/

DATE CONSIDERED 03/17/2008

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /JWE/